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"PATENTS"

**OFFICIAL****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Lester F. Ludwig

SERIAL NO.: 09/812,400

FILED: March 19, 2001

FOR: Processing and Generation of Control  
Signals for Real-Time Control of Music Signal  
Processing, Mixing, Video, and Lighting

Group Art Unit: 2837

Examiner:  
Marlon T. Fletcher

Conf. Number: 7356

**RESPONSE**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated September 2, 2003, the three-month period for response having been extended to January 2, 2004, by concurrent submission of petition and payment of fees, Applicant provides the following remarks.

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THE MAXHAM FIRM → USPTO

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A PROFESSIONAL LAW CORPORATION

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**DATE:** 29 December, 2003

**TO:** Examiner Marlon T. Fletcher  
Art Unit: 2837

**COMPANY:** USPTO

**FAX NO.:** (703) 872-9306

**FROM:** Jeffrey J. Lotspeich

**RE:** "PROCESSING AND GENERATION OF CONTROL SIGNALS FOR  
REAL-TIME CONTROL OF MUSIC SIGNAL PROCESSING,  
MIXING, VIDEO, AND LIGHTING"  
Inventor: Lester F. Ludwig  
Serial No.: 09/812,400 - Filed: 19 March 2001

**NUMBER OF PAGES INCLUDING COVER SHEET:** 12

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**COMMENTS:**

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

11

Application Number

09/812,400

Filing Date

19 March 2001

First Named Inventor

Lester F. Ludwig

Group Art Unit

2837

Examiner Name

Marlon T. Fletcher

Attorney Docket Number

2738-05

**ENCLOSURES (check all that apply)**☒ Fee Transmittal Form☒ Fee Attached☒ Amendment / Response☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/ Incomplete Application☐ Response to Missing Parts under 37 CFR 1.52 or 1.53☐ Assignment Papers (for an Application)☐ Drawing(s)☐ Licensing-related Papers☒ Petition☐ Petition to Convert to a Provisional Application☐ Power of Attorney, Revocation Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s)☐ After Allowance Communication to Group☐ Appeal Communication to Board of Appeals and Interferences☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please identify below):

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name

THE MAXHAM FIRM

Jeffrey J. Lotspeich, Reg. No. 45,737

Signature

Date

29 December 2003

**CERTIFICATE OF FACSIMILE**

I hereby certify that this correspondence is being facsimile transmitted to:

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29 December 2003

Typed or printed name

Jeffrey J. Lotspeich, Reg. No. 45,737

Signature

Date

29 December 2003

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## FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

### Complete if Known

Application Number	09/812,400
Filing Date	19 March 2001
First Named Inventor	Lester F. Ludwig
Examiner Name	Marion T. Fletcher
Group / Art Unit	2837
Attorney Docket No.	2739-05

TOTAL AMOUNT OF PAYMENT (\$) 55

### METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number: 020460

Deposit Account Name: THE MAXHAM FIRM

The Commissioner is authorized to: (check all that apply)  
☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

1. BASIC FILING FEE				
Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description
1001	770	2001	305	Utility filing fee
1002	340	2002	170	Design filing fee
1003	530	2003	265	Plant filing fee
1004	770	2004	385	Reissue filing fee
1005	160	2005	80	Provisional filing fee

Fee Paid: (\$) 0

SUBTOTAL (1) (\$) 0

### 2. EXTRA CLAIM FEES

Total Claims:  =  X  =

Independent Claims:  =  X  =

Multiple Dependent:  X  =

Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description
1202	16	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	260	2203	145	Multiple dependent claims, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	16	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

\*\*or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

Fee Code	Large Entity (\$)	Fee Code	Small Entity (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,620	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1806	1,840*	1806	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	55
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1256	2,010	2256	1,005	Extension for reply within fifth month	
1401	380	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,730	2501	865	Utility issue fee (or reissue)	
1502	490	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1607	50	1607	50	Processing fee under 37 CFR 1.17 (q)	
1606	180	1606	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	File a submission after final rejection (37 CFR § 1.126(b))	
1610	770	2610	385	For each additional invention to be examined (37 CFR § 1.126(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1602	800	1602	800	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 55

### SUBMITTED BY

Name (Print/Type)	Jeffrey J. Latspeich	Registration No. Attorney/Agent	45,737	Telephone	618-233-0004
Signature				Date	20 December 2003

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